

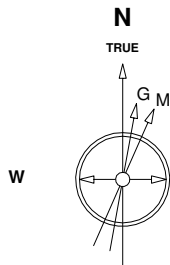
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Schneider - North

Slot Slot 10 - Schneider HD 11-102HN
Well Schneider HD 11-102HN
Wellbore Schneider HD 11-102HN (PWB)

Created by admin
Date plotted 28-Jul-2017

Plot reference is Schneider HD 11-102HN (PWB).
Ref wellpath is Schneider HD 11-102HN (PWP#1).
Coordinates are in Feet reference Slot 10 - Schneider HD 11-102HN.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 4752.40 ft.
Plot North is aligned to TRUE North.



Scale 1 cm = 400 ft

East (Feet) ->

-14400 -13600 -12800 -12000 -11200 -10400 -9600 -8800 -8000 -7200 -6400 -5600 -4800 -4000 -3200 -2400 -1600 -800 0 800

29-Sep-2014
IGRF Model [1900.0-2020.0] Dip: 66.86 deg Field: 52660.1 nT
Lat: N40 19 26.4108 Long: W104 49 36.8184 Elev: 4732.40 ft
Magnetic North is 8.53 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.53 deg

<- True Vertical Depth (Feet)

Scale 1 cm = 400 ft

<- North(Feet)

Scale 1 cm = 400 ft

9 5/8in Surface Casing

N/2 Sec 11, T4N, R67W

N/2 Sec 12, T4N, R67W

Btm Perf - 17,584 / 7120 MD/TVD, 1605 FNL, 470 FWL Sec 11
BHL - 17,684 / 7120 MD/TVD, 1607 FNL, 370 FWL Sec 11

TPZ - 7946 / 6928 MD/TVD, 1605 FNL, 460 FEL Sec 12

W/2 Sec 7
T4N, R66W

TPZ - 7946 / 6928 MD/TVD, 1605 FNL, 460 FEL Sec 12

5 1/2in Production Casing

Btm Perf - 17,584 / 7120 MD/TVD, 1605 FNL, 470 FWL Sec 11
BHL - 17,684 / 7120 MD/TVD, 1607 FNL, 370 FWL Sec 11

Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 279.85 with reference 0.00 N, 0.00 E from Slot 10 - Schneider HD 11-102HN

WELL PROFILE DATA

Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
Tie on	0.00	0.00	0.00	0.00	S 0.00	W 0.00		0.00
KOP	2961.00	0.00	333.11	2961.00	S 0.00	W 0.00	0.00	0.00
End of Build	3961.07	30.00	333.11	3915.99	N 228.24	W 115.75	9.84	153.10
End of Hold	7248.00	30.00	333.11	6762.49	N 1694.07	W 859.16	0.00	1136.36
Target TPZ - ...Sec 12	7946.17	90.00	270.29	7120.00	N 1880.23	W 1365.35	36.09	1666.93
Target Btm Pe...Sec 11	17583.99	90.00	270.29	7120.00	N 1928.18	W 11003.05	0.00	11170.70
End of Turn	17586.00	90.00	270.02	7120.00	N 1928.18	W 11005.06	42.65	11172.69
T.D. & Target BHL... 11	17683.80	90.00	270.02	7120.00	N 1928.22	W 11102.86	0.00	11269.05